

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/618,424B
Source: IFW316
Date Processed by STIC: 3-10-05

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
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Alexandria, VA 22314**

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING

DATE: 03/10/2005

PATENT APPLICATION: US/09/618,424B

TIME: 09:54:12

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03102005\I618424B.raw

3 <110> APPLICANT: Yoichi Taya, Katsuyuki Tamai, Toshiaki Miyazaki
 5 <120> TITLE OF INVENTION: METHOD FOR DETECTING ACETYLTRANSFERASE AND DEACETYLASE
 6 ACTIVITIES AND METHOD FOR SCREENING INHIBITORS OR ENHANCERS OF THESE
 7 ENZYMES
 9 <130> FILE REFERENCE: 49979 (71965)
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/618,424B
 C--> 11 <141> CURRENT FILING DATE: 2000-07-18
 11 <150> PRIOR APPLICATION NUMBER: 09/618,424
 12 <151> PRIOR FILING DATE: 2000-07-18
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP00/00191
 15 <151> PRIOR FILING DATE: 1999-01-20
 17 <150> PRIOR APPLICATION NUMBER: JP 10/9171
 18 <151> PRIOR FILING DATE: 1998-01-20
 20 <160> NUMBER OF SEQ ID NOS: 20
 22 <170> SOFTWARE: PatentIn Ver. 2.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 14
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <221> NAME/KEY: MOD_RES
 31 <222> LOCATION: (7)
 32 <223> OTHER INFORMATION: ACETYLTATION
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
 36 Sequence
 38 <400> SEQUENCE: 1
 39 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Cys
 40 1 5 10
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 14
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
 50 Sequence
 52 <400> SEQUENCE: 2
 53 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Cys
 54 1 5 10
 57 <210> SEQ ID NO: 3
 58 <211> LENGTH: 14
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Artificial Sequence

Does Not Comply
 Corrected Diskette Needed
 (pg. 1-5)

Invalid
 Response

See item #11 on error
 summary sheet.

Invalid
 Response

↑ Mandatory
 IF <213> response
 is Artificial or
 unknown, please explain
 in section <220>-<223>.

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03102005\I618424B.raw

62 <220> FEATURE:
63 <221> NAME/KEY: MOD_RES
64 <222> LOCATION: (7)
65 <223> OTHER INFORMATION: ACETYLTATION
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
69 Sequence
71 <400> SEQUENCE: 3
72 Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg Cys
73 1 5 10
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 14
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
83 Sequence
85 <400> SEQUENCE: 4
86 Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg Cys
87 1 5 10
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 33
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
97 Synthesized Primer Sequence
99 <400> SEQUENCE: 5
100 gcgggatccc agaataaggta tcatttctgt gag 33
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 33
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
110 Synthesized Primer Sequence
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113 agactcgagc ttgcactcgt tgcagggtgta gac 33
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 31
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
123 Synthesized Primer Sequence
125 <400> SEQUENCE: 7
126 tatggatcca tgctggagga ggagatctat g 31
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 31

Invalid
responseInvalid
responseSee item
#11 on error
summary
sheet.

RAW SEQUENCE LISTING

DATE: 03/10/2005

PATENT APPLICATION: US/09/618,424B

TIME: 09:54:12

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03102005\I618424B.raw

131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
136 Synthesized Primer Sequence
138 <400> SEQUENCE: 8
139 tatctcgagc ttgtcaatga ggcctccctc c 31
142 <210> SEQ ID NO: 9
143 <211> LENGTH: 30
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
149 Synthesized Primer Sequence
151 <400> SEQUENCE: 9
152 cgcggatcca tggcgcagac gcagggcacc 30
155 <210> SEQ ID NO: 10
156 <211> LENGTH: 30
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
162 Synthesized Primer Sequence
164 <400> SEQUENCE: 10
165 cgctcgagg gccaaattga cctcctcctt 30
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 30
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
175 Synthesized Primer Sequence
177 <400> SEQUENCE: 11
178 cgcggatcca tggccaagac cgtggcgtat 30
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 30
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
188 Synthesized Primer Sequence
190 <400> SEQUENCE: 12
191 cgctcgaga atctccacat cgctttcctt 30
194 <210> SEQ ID NO: 13
195 <211> LENGTH: 13
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificial

Invalid
response
See item #11 on error
summary sheet
3/10/05

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PATENT APPLICATION: US/09/618,424B

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03102005\I618424B.raw

201 Sequence *see error explanation on pg. 3*
 203 <400> SEQUENCE: 13
 204 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu
 205 1 5 10
 208 <210> SEQ ID NO: 14
 209 <211> LENGTH: 13
 210 <212> TYPE: PRT
 211 <213> ORGANISM: Artificial Sequence
 213 <220> FEATURE:
 214 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificial
 215 Sequence
 217 <400> SEQUENCE: 14
 218 Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg
 219 1 5 10
 222 <210> SEQ ID NO: 15
 223 <211> LENGTH: 29
 224 <212> TYPE: DNA
 225 <213> ORGANISM: Artificial Sequence
 227 <220> FEATURE:
 228 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
 229 synthesized primer sequence
 231 <400> SEQUENCE: 15
 232 tatggatcca agaggaagag aatctccgc 29
 235 <210> SEQ ID NO: 16
 236 <211> LENGTH: 30
 237 <212> TYPE: DNA
 238 <213> ORGANISM: Artificial Sequence
 240 <220> FEATURE:
 241 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificially
 242 synthesized primer sequence
 244 <400> SEQUENCE: 16
 245 tatctcgagg tctgagtcag gcccttctga 30
 248 <210> SEQ ID NO: 17
 249 <211> LENGTH: 13
 250 <212> TYPE: PRT
 251 <213> ORGANISM: Artificial Sequence
 253 <220> FEATURE:
 254 <221> NAME/KEY: MOD_RES
 255 <222> LOCATION: (7)
 256 <223> OTHER INFORMATION: ACETYLATION
 258 <220> FEATURE:
 259 <223> OTHER INFORMATION: Description of Artificial Sequence:Artificial
 260 Sequence *Same error*
 262 <400> SEQUENCE: 17
 263 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu
 264 1 5 10
 267 <210> SEQ ID NO: 18
 268 <211> LENGTH: 13
 269 <212> TYPE: PRT

RAW SEQUENCE LISTING

DATE: 03/10/2005

PATENT APPLICATION: US/09/618,424B

TIME: 09:54:12

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03102005\I618424B.raw

270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <221> NAME/KEY: MOD_RES
274 <222> LOCATION: (7)
275 <223> OTHER INFORMATION: ACETYLATION
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
279 Sequence
281 <400> SEQUENCE: 18
282 Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg
283 1 5 10
286 <210> SEQ ID NO: 19
287 <211> LENGTH: 21
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <221> NAME/KEY: MOD_RES
293 <222> LOCATION: (5)
294 <223> OTHER INFORMATION: ACETYLATION
296 <220> FEATURE:
297 <221> NAME/KEY: MOD_RES
298 <222> LOCATION: (8)
299 <223> OTHER INFORMATION: ACETYLATION
301 <220> FEATURE:
302 <221> NAME/KEY: MOD_RES
303 <222> LOCATION: (12)
304 <223> OTHER INFORMATION: ACETYLATION
306 <220> FEATURE:
307 <221> NAME/KEY: MOD_RES
308 <222> LOCATION: (16)
309 <223> OTHER INFORMATION: ACETYLATION
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
313 Sequence
315 <400> SEQUENCE: 19
316 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
317 1 5 10 15
319 Arg His Arg Lys Cys
320 20
323 <210> SEQ ID NO: 20
324 <211> LENGTH: 21
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
330 Sequence
332 <400> SEQUENCE: 20
333 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
334 1 5 10 15

SAME
error

SAME error

SAME error

VERIFICATION SUMMARY

DATE: 03/10/2005

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TIME: 09:54:13

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03102005\I618424B.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date